

Converting Colors

Hex(B97210)

Have a look what the booklet for
Hex(B97210) contains.

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Color

Hex(B97210)

Conversions

Conversions Part 1

Format	Color
Hex	B97210
RGB	185, 114, 16
RGB Percent	73%, 45%, 6%
CMY	0.2745, 0.5529, 0.9373
CMYK	0.00, 0.38, 0.91, 0.27
HSL	35°, 84%, 39%
HSV	35°, 91%, 73%
XYZ	26.1184, 22.3863, 3.4346
YIQ	124.0570, 73.7740, -15.4260

Conversions

Conversions Part 2

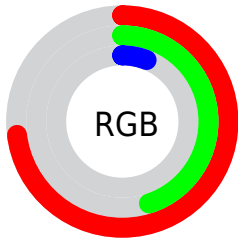
Format	Color
R_{YB}	138, 185, 16
Decimal	12153360
CIE Lab	54.43, 21.47, 58.25
CIE LCh	54, 62.077, 69.766
Yxy	22.3863, 0.5029, 0.4310
Android (android.graphics.Color)	4290343440 (0xFFB97210)
YUV	124.0570, -53.2721, 53.4470
Hunter-Lab	47.3142, 15.7359, 28.8160

Details

The Hex color **B97210** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1057B9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **F6A649**, and **7E4200** is the 20% darker color. If you saturate the color by 10%, you get **B96B00**, and if you desaturate by 10%, it is **B97A23**.

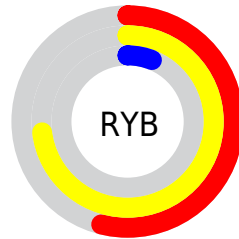
Distribution



Red (73%)

Green (45%)

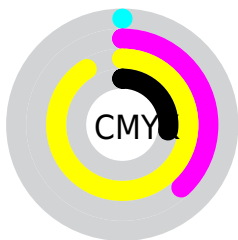
Blue (6%)



Red (54%)

Yellow (73%)

Blue (6%)

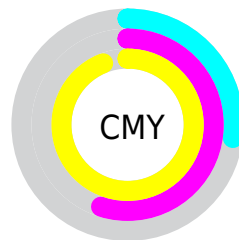


Cyan (0%)

Magenta (38%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B97210 by changing the saturation by 10% instead.

 B97210

 B97210


FFFFFF

 9B5900

 F6A649

 7E4200

 FFC163

 612B00

 FFDD7E

 451500

 FFFA99

 2C0000

 FFFFB5

 000000

 FFFFD1

 FFFFEE

 B97210

 B97210

 B96B00

 B97A23

 B98235

 B98947

 B9915A

 B9996D

 B9A17F

 B9A892

 B9B0A4

 B9B8B6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D85B40



B97210



8C8500

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B97210



009B93



9A6CD5

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B97210



1057B9

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1383ED



B97210



0099C6

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B97210



00995B



0092E7



CF53A9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B97210



678E15



0092E7



7F74E0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B97210



F0D5AF



B91059



786851



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B97210



F08B00



AEB910



5C5853



9C5A00



1C1000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1057B9



0065F0



1B10B9



53565C



00419C



000C1C

Previews

White Background



This preview shows how the Hex color B97210 looks on a white background.

Color Contrast Check

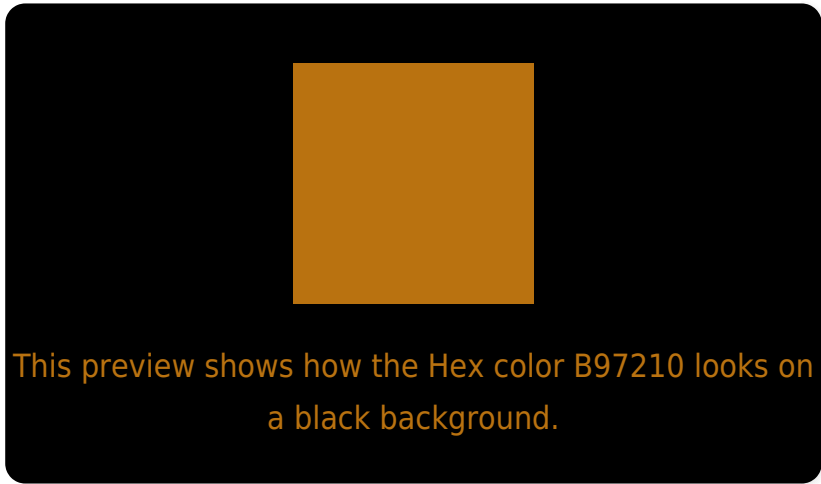
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B97210 Background



This preview shows how black text looks on a background with the Hex color B97210.



This preview shows how white text looks on a background with the Hex color B97210.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
B97210

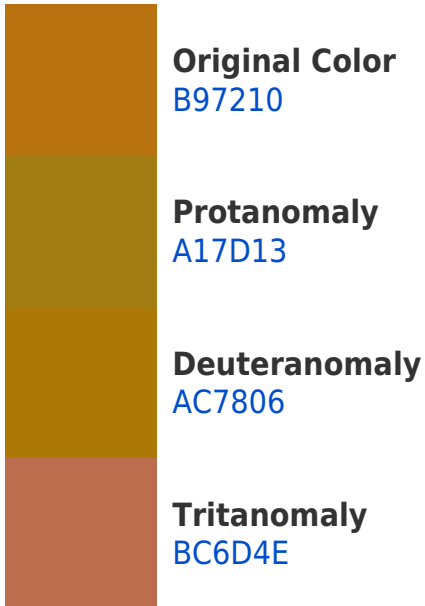
Protanopia
938315

Deuteranopia
A57C00

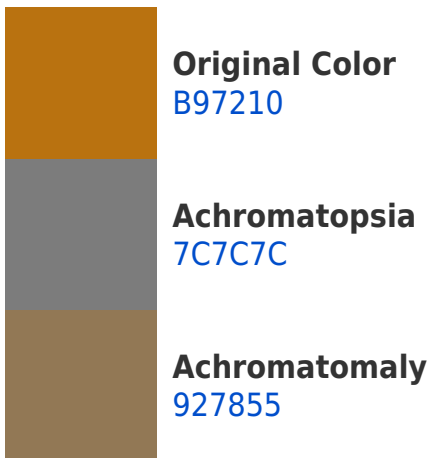


Tritanopia
BD6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B97210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B97210 looks like.

```
.text, #text, p{  
    color:#B97210  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B97210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97210
}
```

Border

The CSS property to change the border of an element to Hex B97210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B97210 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B97210 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B97210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97210; -webkit-box-shadow:4px 4px  
4px 4px #B97210; box-shadow:4px 4px 4px  
4px #B97210 }
```

Background

The CSS property to change the background color of an element to Hex B97210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97210 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B97210 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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